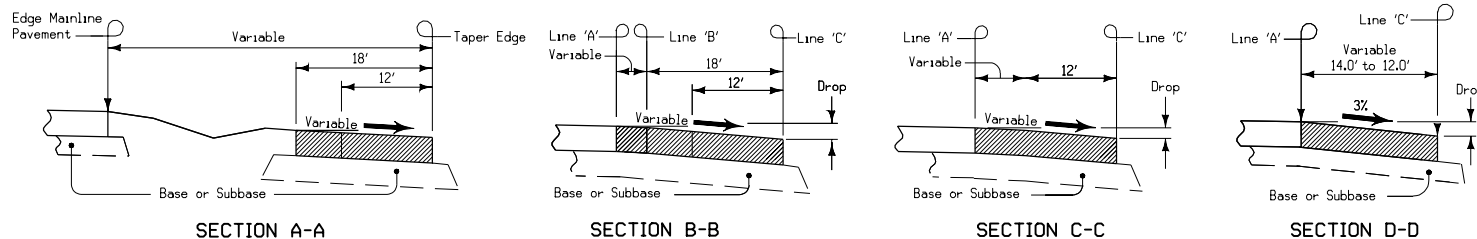


PROFILE

TABLE OF OFFSETS AND DROPS FOR 18' LOOP TAPER		475	450	425	400	375	350	325	300	275	250	225	200	175	150	125	100	75	50	25	0
FROM LINE 'A' TO LINE 'B'	OFFSET (Ft.)	23.51	20.47	17.61	14.90	12.37	9.99	7.79	5.74	3.87	2.15										
	SLOPE (%)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00										
	DROP (Ft.)	0.71	0.61	0.53	0.45	0.37	0.30	0.23	0.17	0.12	0.06										
FROM LINE 'B' TO LINE 'C'	OFFSET (Ft.)	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0										
	SLOPE (%)	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.80										
	DROP (Ft.)	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.68										
FROM LINE 'A' TO LINE 'C'	OFFSET (Ft.)											18.63	17.24	16.01	14.95	14.05	13.31	12.74	12.33	12.08	12.00
	SLOPE (%)											3.30	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	DROP (Ft.)	1.43	1.33	1.25	1.17	1.09	1.02	0.95	0.89	0.84	0.74	0.61	0.52	0.48	0.45	0.42	0.40	0.38	0.37	0.36	0.36
DISTANCE FROM POINT (G) ALONG LINE 'C' (Ft.)		473.99	448.92	423.88	398.85	373.84	348.84	323.86	298.90	273.94	249.00	225.13	200.09	175.06	150.04	125.02	100.01	75.00	50.00	25.00	00.00

NOTE: From (G) to (P) cross-slope between Line 'A' and Line 'C' is a constant 3.0%.



# GENERAL NOTES:

This detail sheet shows loop alignment and grade data for the loop entrance pavement.

Loop entrance pavement shall be the same thickness as the mainline pavement. Loop entrance subbase for both HMA and P.C.C. pavement shall be the same thickness as the mainline subbase.

The loop pavement cross slope is determined by superelevation rotated about line C.

Loop entrance pavement area shown by shaded area is 1453 square yards.

In order to assure proper drainage, any special shaping of entrance area between lines A and B shall be accomplished by methods approved by the Engineer.

Refer to Detail Sheet 550-6 for jointing layout.

Refer to typical cross sections and appropriate Standard Road Plans for design details and requirements for shoulders.

1 For header construction details at the beginning of taper, refer to the appropriate Typical 7101 or 7102.

2 Refer to detail project plans for loop alignment and grade data.

This design is based on 60 mph design speed at e max = 6%.

For location equivalent stations see Tabulation 101-15

<b>STANDARD ROAD PLAN</b>	
<b>RV-9</b>	
REVISION: Revise Note 1.	REVISION NO. 2
APPROVED BY: <i>William J. Allen</i> DESIGN METHODS ENGINEER	REVISION DATE 04-30-02
ACCELERATION TAPER FOR 18' ENTRANCE LOOP	